

Title (en)
Battery pack

Title (de)
Batteriepack

Title (fr)
Bloc-batteries

Publication
EP 2200108 A1 20100623 (EN)

Application
EP 09252795 A 20091216

Priority
KR 20080127769 A 20081216

Abstract (en)
A battery pack (10) includes a bare cell (100) including a cap plate (121) and an electrode terminal (122) insulated from the cap plate (121) and a circuit module (200) including a circuit board (210) having a first short side, a second short side generally opposite the first short side, a first long side and a second long side generally opposite the first long side. The circuit board includes a base lead plate (250) attached to the circuit board (210) and a base fixing protrusion (254) extending from the base lead plate (250), wherein the circuit module is on and electrically connected to the bare cell. The battery pack also includes an upper cover (320) covering the circuit module (200), the upper cover (320) including a base fixing groove (325) adapted to receive the base fixing protrusion (254).

IPC 8 full level
H01M 10/04 (2006.01); **H01M 10/42** (2006.01); **H01M 50/147** (2021.01); **H01M 50/528** (2021.01); **H01M 10/052** (2010.01); **H01M 10/058** (2010.01)

CPC (source: EP KR US)
H01M 10/0436 (2013.01 - EP KR US); **H01M 10/052** (2013.01 - KR); **H01M 10/058** (2013.01 - KR); **H01M 10/4257** (2013.01 - EP KR US); **H01M 50/103** (2021.01 - KR); **H01M 50/147** (2021.01 - EP KR US); **H01M 50/15** (2021.01 - EP KR US); **H01M 50/20** (2021.01 - KR); **H01M 50/528** (2021.01 - KR); **H01M 50/572** (2021.01 - KR); **H01M 10/052** (2013.01 - EP US); **H01M 10/058** (2013.01 - EP US); **H01M 50/103** (2021.01 - EP US); **Y02E 60/10** (2013.01 - EP KR); **Y02P 70/50** (2015.11 - EP KR)

Citation (search report)
• [A] EP 1926160 A1 20080528 - SAMSUNG SDI CO LTD [KR]
• [A] EP 1814189 A1 20070801 - MATSUSHITA ELECTRIC IND CO LTD [JP]
• [A] US 2008131760 A1 20080605 - YAMAGAMI SADA O [JP], et al

Cited by
EP2782165A1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK SM TR

Designated extension state (EPC)
AL BA RS

DOCDB simple family (publication)
EP 2200108 A1 20100623; **EP 2200108 B1 20130227**; CN 101752604 A 20100623; CN 101752604 B 20130130; JP 2010147020 A 20100701; JP 5090422 B2 20121205; KR 101030856 B1 20110422; KR 20100069159 A 20100624; US 2010151281 A1 20100617; US 8216706 B2 20120710

DOCDB simple family (application)
EP 09252795 A 20091216; CN 200910258040 A 20091216; JP 2009235356 A 20091009; KR 20080127769 A 20081216; US 63072409 A 20091203